GP 1723

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
	: Examiner: Unassigned
Eric MAJANI	)
	: Group Art Unit: Unassigned
Appln. No.: 09/972,994	)
	:
Filed: October 10, 2001	)
	:
For: DIGITAL FILTERING METHODS	) January 10, 2002
AND DEVICES	:

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance

with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the

documents listed on the enclosed Form PTO-1449. A copy of the listed documents are also

enclosed.

The Majani reference entitled "Low-Complexity Wavelet Filter Design for Image

Compression" is discussed at page 6 of the specification.

The Daubechies, et al. reference entitled "Factoring Wavelet Transforms Into Lifting

Steps" is discussed at page 2 of the specification.

FR-A-2 785 747 and U.S. Patent No. 4,852,035 were cited in a European Search

Report, dated July 26, 2001 from a counterpart application. A copy of the search report is

enclosed.

In addition, Applicant has obtained an English language abstract for FR-A-2 785747. A copy of the abstract is enclosed for the Examiner's convenience and listed on the Form PTO-1449.

The Examiner's attention is also directed to the following U.S. Application:

Application Number	Filing Date	Group Art Unit	Status
09/480,858	January 11, 2000	2734	Pending

In accordance with 37 CFR 1.98(a)(2)(iii), a copy of the cited U.S. application is enclosed.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since a first Official Action on the merits of the subject application has not yet been issued, neither a certificate, petition nor payment of a fee is believed to be required for this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that the enclosed Form PTO-1449 be returned indicating that such information has been considered.
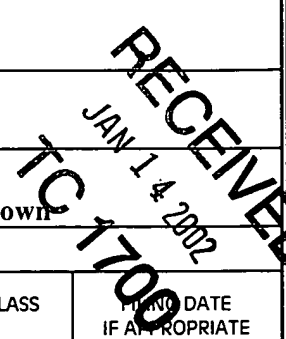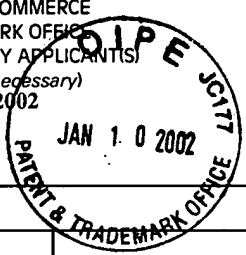
Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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FORM PTO 1449 (modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)
Date Submitted to PTO: January 10, 2002

ATTY DOCKET NO.	APPLICATION NO.
01807.001874	09/972,994

APPLICANT
Eric MAJANI

FILING DATE	GROUP
October 10, 2001	Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,852,035	07/25/1989	Michener	364	724.10	07/06/1987

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		FR-A-2 785 747	11/09/1998	France			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		Calderbank, et al., "Lossless Image Compression Using Integer to Integer Wavelet Transforms,"ICIP (International Conference on Image Processing), Vol. I, pp. 596-599
		Sweldens, "The Lifting Scheme: A Custom-Design Construction of Biorthogonal Wavelets," Applied and Computational Harmonic Analysis, Vol. 3, Article No. 0015, pps. 186-200 (1996)
		Daubechies, et al., "Factoring Wavelet Transforms Into Lifting Steps," J. Fourier Anal. Appl., Vol. 4, No. 3, pp. 247-269 (renumbered pp. 1-27) (1998)
		Majani, "Low Complexity Wavelet Filter Design for Image Compression," TDA Progress Report 42-119, NASA Jet Propulsion Laboratory, Pasadena, CA, pp. 181-200 (November, 1994)

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

Sheet__1__ of __1__

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